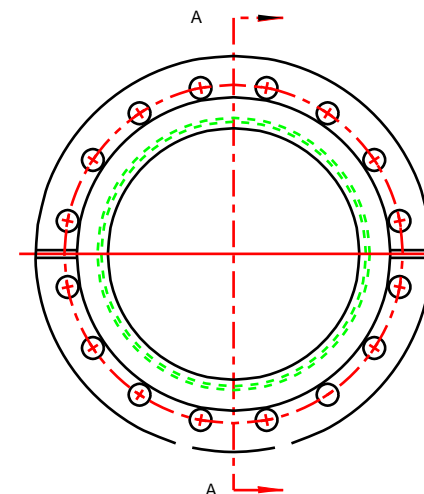
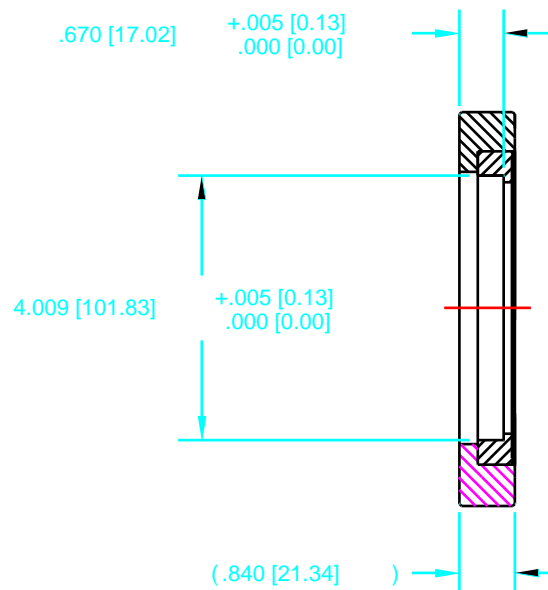


(B)

PLOT SCALE: .5=1

DWG. SCALE: 2

A08049



NOTES:

1. MAKE FROM MDC'S ROTATABLE VACUUM FLANGE CAT. #100025
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [ ] ARE MILLIMETERS

SECTION A - A

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED LOG NUMBER ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS .X ±.03 [7620] ±.25 * .XX ±.01 [0.25] .XXX ±.005 [0.127] SURFACE ROUGHNESS 125 ✓ REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b> TITLE <b>ADVANCED PHOTON SOURCE</b> P1 1-ST PHOTON SHUTTER SOFT X-RAY ABSORBER END FLANGE		
A08049		DRAWN BY MUSCIA	DATE 7/7/93	CHIEF DESIGN ENGINEER
		CHECKED BY		GP LEADER
		DESIGNER MUSCIA		PROJECT MGR.
		RESPONSIBLE ENGINEER		APPROVED/RELEASED
		MATERIAL SEE NOTE #1	SCALE HALF	SIZE B
			SHEET 1 of 1	DRAWING NUMBER P4102010103-250102-00

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

DO NOT SCALE DRAWING